NIKHIL SHARMA

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with 1+ years of experience in developing and deploying scalable web applications using ReactJS, Javascript, Python, Flask, jQuery, SQL, Bootstrap, Ant Design, Red Hat OpenShift, etc. Proficient in building client-centric solutions with clean, maintainable code, and leveraging Python automation and data analytics to improve performance and efficiency.

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript, SQL
Front-end Tech: ReactJS, ReduxToolkit, jQuery, Bootstrap, Tailwind, MaterialUI, Ant Design
Back-end Tech: Flask, RESTful APIs, Firebase
Databases: MySQL, MS SQL Server, Oracle DB
Core Subjects: Data Structures and Algorithms, Object Oriented Programming Concepts, Operating System, Computer Networks
Tools: Github, Bitbucket, VSCode, Redhat Openshift, Amazon Web Services (AWS), GCP, JupyterNotebook, Tableau, etc

EXPERIENCE

Tata Consultancy Services, Hyderabad   December 2023 – Present
Systems Engineer (Digital Cadre) - Major Semiconductor Solutions Provider

- Developed and maintained both Frontend and Backend components of Web Applications in an aglie environment, delivering web solutions within timeline while ensuring a seamless user experience and improved system performance.
- Designed and implemented RESTful API methods in Flask, optimizing backend logic and enhancing application efficiency.
- Developed API endpoints and integrated functionalities such as a dynamic drawer with database connectivity, along with robust frontend and backend validations using Ant Design and Formik.
- Streamlined CRUD operations using Formik and Tanstack Table, ensuring efficient data management and state handling.
- Debugged and resolved performance bottlenecks, enhancing the overall speed and responsiveness of the platform.
- Achieved a 25% reduction in loading time by implementing Flask caching, DB connection threading, and session storage.
- Managed deployment, Orchestration cycles and Version Control of Applications on RedHat OpenShift and Bitbucket.
- Also performed Data Analytics and Python Automation tasks using jupyter Notebook, various Python Packages , updating Tableau Dashboards for Forecasted Statistics, etc
- **Tech Used:** ReactJS, Javascript, jQuery, Flask, Oracle DB, MS SQL Server, Python, HTML, CSS, Bootstrap, Ant Design, Redhat Openshift, Tableau, jupyterNotebook, etc.

PROJECTS

ShopSwap - An Ecommerce Marketplace | [Project Link](#) | [Github Link](#)   January 2025
- Added User Authentication and Registration, Listed Products with Dynamic sell and Buy Options.
- It utilizes WTF Forms for user input, Bootstrap for UI design, deployed on PythonAnywhere.
- **Tech Used:** Python Flask, Bootstrap, Flask WTF Forms, HTML, CSS, PythonAnywhere.

BuddyBook - Basic CRUD Application for Storing Professional Contacts | [Project Link](#) | [Github Link](#)   January 2025
- Developed a simple Fullstack Web Application Which can Store and Organize Personal Contacts
- Used the CRUD Operations for Contact Management like Creating, Modifying and Deleting Contacts.
- **Tech Used:** ReactJS, ChakraUI, Python Flask, SQLite, HTML, CSS, JS, Render

CERTIFICATIONS

- *React Frontend Developer Certification | One Month Live Class Training by Edureka* | [Certificate Link](#) | Dec 2024
- *AWS Certified Cloud Practitioner | Foundational Cloud Certification by AWS (CLF-C02)* | [Certificate Link](#) | Dec 2024

ACHIEVEMENTS

- Solved around 550+ DSA problems on Leetcode only and 1000+ Problems on overall Platforms like GFG, Codechef, etc.
- Secured 81th Rank in CodeChef Long Challenge Div.3 Oct 2021 Among 20K+ Participants.
- Earned 100+ Labs and 15+ Quests on Qwiklabs (GCP labs).

EDUCATION

University School of Information, Communication and Technology, GGSIPU   August 2019 – June 2023
Bachelor of Technology in Computer Science and Engineering – CGPA 8.8/10.0   *Dwarka Sec 16C, Delhi*

Rajikya Pratibha Vikas Vidyalaya   April 2018 – March 2019
Class XII CBSE Board – Percentage 86/100   *Shalimar Bagh, Delhi*